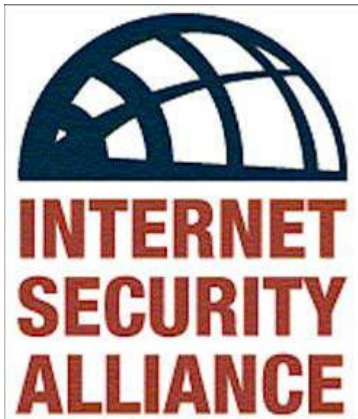


# **Developing SCAP Checklists for VoIP, Multimedia and Unified Communications**

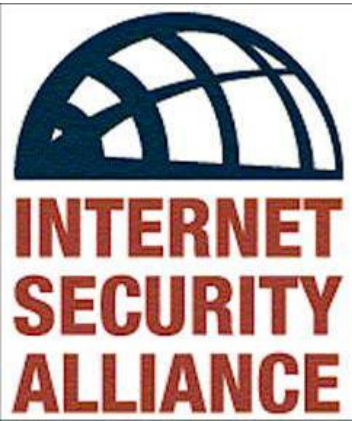
**4<sup>th</sup> Annual Information Security  
Automation Conference**

September 22<sup>nd</sup>-23<sup>rd</sup> 2008



# Developing SCAP Checklists for VoIP, Multimedia and Unified Communications

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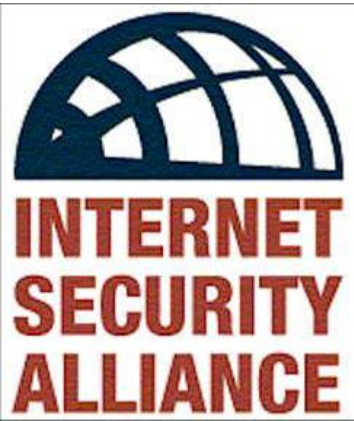


# Workshop Questions

1. How can SCAP based testing be productively used to create a level of assurance in high availability/high reliability networks and what might some limitations to that approach be?
2. What SCAP protocols/approaches/components are best for voice and real time networks?
3. Is there a baseline of best practice/standards to base the development of SCAP checklists to achieve a level of assurance in voice and real time networks?
4. What are the next steps?

# Source Standards

<b>Media Plane</b>	<ul style="list-style-type: none"> <li>• <b>ATIS-PP-0100010</b> Technical Report Security for Next Generation Networks and End User Perspective</li> <li>• <b>ATIS 1000xxx</b> (In progress, target Dec 08) User to Network (UNI) Standard for Media Plane Security for Evolving VoP Multimedia Networks.</li> </ul>
<b>Signaling/ Control Plane</b>	<ul style="list-style-type: none"> <li>• <b>ATIS-1000007.2006</b> Generic Signaling And Control Plane Security Requirements For Evolving Networks</li> <li>• <b>ATIS 1000019.2007</b> Network To Network (NNI) Standard For Signaling And Control Security For Evolving VoP Multimedia Networks.</li> <li>• <b>ATIS 1000025.2008</b> User to Network (UNI) Standard for Signaling and Control Security for Evolving VoP Multimedia Networks.</li> </ul>
<b>Management Plane</b>	<ul style="list-style-type: none"> <li>• <b>ANSI T1.276-2003</b> Telecommunications Operations, Administration, Maintenance and Provisioning Security Requirements for the Public Telecommunications Network: A Baseline of Security Requirements for the Management Plane</li> </ul>



# Deliverables

- **Written report** on the applicability of SCAP to VoIP and Converged Networks. (4th quarter 2008)
  - Including a summary of the results of the work shop held as part of the 4th Annual Information Security Automation Conference
  - Presenting analysis and recommendations on the applicability of the Security Compliance Automation Protocol (SCAP) of the Information Security Automation Program (ISAP) to real-time, high availability networks
- **SCAP Checklist** for baseline security for VoIP (2nd half 2009)
  - SME developed checklist for baseline security in real-time, high availability networks